



S/N 10/803,743

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Daniel J. Kane                              Examiner: Unknown  
Serial No.: 10/803,743                              Group Art Unit: 2877  
Filed: March 16, 2004                              Docket: 70047-41-UT  
Title: Optical Pulse Characterization for Telecommunications Applications

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 13-4213 in order to have this Information Disclosure Statement considered.

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Page 2  
Dkt: 70047-41-UT

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

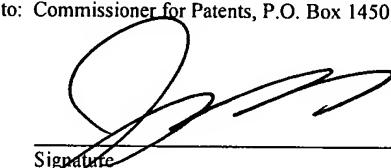
Respectfully submitted,

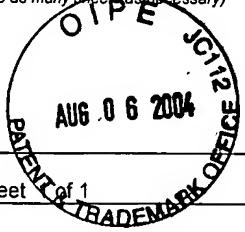
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Date August 4, 2004  
By   
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**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 4th day of August, 2004.

\_\_\_\_\_  
Name Jeffrey D. Myers

  
Signature

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<i>Complete if Known</i>	
		<b>Application Number</b>	10/803,743
		<b>Filing Date</b>	March 16, 2004
		<b>First Named Inventor</b>	Kane, Daniel
		<b>Group Art Unit</b>	2877
		<b>Examiner Name</b>	Unknown
Sheet 1 of 1		Attorney Docket No: 70047-41-UT	

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,754,292	05/19/1998	Daniel, J. K., et al.			10/26/1992
	US-6,219,142	04/17/2001	Daniel, J. K.			10/16/1998

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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		DORRER, CHRISTOPHE , et al., "Simultaneous Temporal Characterization of Telecommunication Optical Pulses and Modulators by Use of Spectrograms", <u>Optics Letters</u> , Vol. 27, No. 15, (08/01/2002), 1315-1317	
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		KANE, DANIEL J., "Real-Time Measurement of Ultrashort Laser Pulses Using Principal Component Generalized Projections", <u>IEEE J. of Selected Topics in Quantum Electronics</u> , Vol. 4, No. 2, (Mar/Apr 1998), 278-284	
		KANE, DANIEL J., "Recent Progress Toward Real-Time Measurement of Ultrashort Lasser Pulses", <u>IEEE J. of Quantum Electronics</u> , Vol. 35, No. 4, (April 1999), 421-431	
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		TREBINO, RICK , et al., "Measuring Ultrashort Laser Pulses in the Time-Frequency Domain Using Frequency-Resolved Optical Gating", <u>Rev. Sci. Instrum.</u> , Vol. 68, No. 9, (Sep 1997), 3277-3295	

**EXAMINER****DATE CONSIDERED**